# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L1 | 94 | ("3991755"\|"4141359"\|"4304866"\|"4325367"\|"4340047"\|"4406658"\|"4458678"\|"4485096"\|"4689039"\|"4702732"\|"4722726"\|"4734090"\|"4752285"\|"4764164"\|"4786278"\|"4792702"\|"4850956"\|"4931046"\|"5002527"\|"5006108"\|"5013293"\|"5019034"\|"5023085"\|"5036861"\|"5042007"\|"5042975"\|"5056521"\|"5057072"\|"5140985"\|"5213568"\|"5224927"\|"5246418"\|"5279543"\|"5312325"\|"5314502"\|"5318514"\|"5328452"\|"5328453"\|"5328454"\|"5336168"\|"5362307"\|"5372579"\|"5391195"\|"5395310"\|"5405317"\|"5415629"\|"5421817"\|"5423739"\|"5443441"\|"5465713"\|"5499967"\|"5527797"\|"5538503"\|"5571149"\|"5617851"\|"5620580"\|"5645526"\|"5658247"\|"5667487"\|"5668170"\|"5674871"\|"5676144"\|"5722397"\|"5730714"\|"5771890"\|"5817012"\|"5827181"\|"5861439"\|"5883135"\|"5885211"\|"5899876"\|"5911223"\|"5928571"\|"5944662"\|"5947921"\|"5954685"\|"5968006"\|"5978701"\|"5983131"\|"5985316"\|"5989409"\|"5990179"\|"5991655"\|"5997501"\|"6006130"\|"6010613"\|"6018679"\|"6023629"\|"6041252"\|"6041253"\|"6048337"\|"6083190"\|"6190315"\|"6553253").PN. | US-PGPUB; USPAT | OR | ON | 2006/07/06 14:23 |
| L2 | 24 | 1 and (voltage same reduc$7) | US-PGPUB; USPAT | OR | ON | 2006/07/06 15:16 |
| L3 | 0 | 1 and intophoret$4 and (ac or (alternating with current)) and voltage | US-PGPUB; USPAT | OR | ON | 2006/07/06 15:17 |
| L4 | 0 | 1 and intophoret$4 and (ac or (alternating with current)) and (minutes or hours) | US-PGPUB; USPAT | OR | ON | 2006/07/06 15:18 |
| L5 | 0 | 1 and intophoret$4 and (ac or (alternating with current)) and (minute or hour) | US-PGPUB; USPAT | OR | ON | 2006/07/06 15:18 |
| L6 | 2 | (("6512950") or ("6496728")).PN. | US-PGPUB; USPAT | OR | OFF | 2006/07/06 15:18 |
| L7 | 1552 | (miller or higuchi or li or flynn).in. and (iontophor$6 or electropor$6) | US-PGPUB; USPAT | OR | ON | 2006/07/06 15:18 |

# EAST Search History

| L8 | 93 | ("3991755"\|"4141359"\|"4304866"<br>\|"4325367"\|"4340047"\|"4406658"<br>\|"4458678"\|"4485096"\|"4689039"<br>\|"4702732"\|"4722726"\|"4734090"<br>\|"4752285"\|"4764164"\|"4786278"<br>\|"4792702"\|"4850956"\|"4931046"<br>\|"5002527"\|"5006108"\|"5013293"<br>\|"5019034"\|"5023085"\|"5036861"<br>\|"5042007"\|"5042975"\|"5056521"<br>\|"5057072"\|"5140985"\|"5213568"<br>\|"5224927"\|"5246418"\|"5279543"<br>\|"5312325"\|"5314502"\|"5318514"<br>\|"5328452"\|"5328453"\|"5328454"<br>\|"5336168"\|"5362307"\|"5372579"<br>\|"5391195"\|"5395310"\|"5405317"<br>\|"5415629"\|"5421817"\|"5423739"<br>\|"5443441"\|"5465713"\|"5499967"<br>\|"5527797"\|"5538503"\|"5571149"<br>\|"5617851"\|"5620580"\|"5645526"<br>\|"5658247"\|"5667487"\|"5668170"<br>\|"5674871"\|"5676144"\|"5722397"<br>\|"5730714"\|"5771890"\|"5817012"<br>\|"5827181"\|"5861439"\|"5883135"<br>\|"5885211"\|"5899876"\|"5911223"<br>\|"5928571"\|"5944662"\|"5947921"<br>\|"5954685"\|"5968006"\|"5978701"<br>\|"5983131"\|"5985316"\|"5989409"<br>\|"5990179"\|"5991655"\|"5997501"<br>\|"6006130"\|"6010613"\|"6018679"<br>\|"6023629"\|"6041252"\|"6041253"<br>\|"6048337"\|"6083190"\|"6190315"<br>).PN. | US-PGPUB;<br>USPAT | OR | ON | 2006/07/06 15:18 |
| L9 | 1695 | (604/20,501).CCLS. | US-PGPUB;<br>USPAT | OR | OFF | 2006/07/06 15:18 |
| L10 | 1233 | (607/115,116,120).CCLS. | US-PGPUB;<br>USPAT | OR | OFF | 2006/07/06 15:18 |
| L11 | 236 | (435/173.7,173.5,173.6).CCLS. | US-PGPUB;<br>USPAT | OR | OFF | 2006/07/06 15:18 |
| L12 | 3770 | (424/450,455).CCLS. | US-PGPUB;<br>USPAT | OR | OFF | 2006/07/06 15:18 |
| L13 | 643 | (204/450).CCLS. | US-PGPUB;<br>USPAT | OR | OFF | 2006/07/06 15:18 |
| L14 | 1 | ("5246418").PN. | US-PGPUB;<br>USPAT | OR | OFF | 2006/07/06 15:18 |
| L15 | 6 | (L6 or L7 or L8 or L9 or L10 or L11<br>or L12 or L13 or L14) and (AC or<br>(alternat$3 with current)) and<br>(barrier with (agent or modif$4))<br>and @pd>="20060227" | US-PGPUB;<br>USPAT | OR | ON | 2006/07/06 15:32 |

# EAST Search History

| L16 | 1 | ("20020161323").PN. | US-PGPUB; USPAT | OR | OFF | 2006/07/06 15:32 |
|-----|---|---------------------|-----------------|----|----|------------------|
| S1 | 2 | (("6512950") or ("6496728")).PN. | US-PGPUB; USPAT | OR | OFF | 2006/07/06 14:08 |
| S4 | 1200 | (miller or higuchi or li or flynn).in. and (iontophor$6 or electropor$6) | US-PGPUB; USPAT | OR | ON | 2005/04/09 16:09 |
| S5 | 93 | ("3991755"\|"4141359"\|"4304866" \|"4325367"\|"4340047"\|"4406658" \|"4458678"\|"4485096"\|"4689039" \|"4702732"\|"4722726"\|"4734090" \|"4752285"\|"4764164"\|"4786278" \|"4792702"\|"4850956"\|"4931046" \|"5002527"\|"5006108"\|"5013293" \|"5019034"\|"5023085"\|"5036861" \|"5042007"\|"5042975"\|"5056521" \|"5057072"\|"5140985"\|"5213568" \|"5224927"\|"5246418"\|"5279543" \|"5312325"\|"5314502"\|"5318514" \|"5328452"\|"5328453"\|"5328454" \|"5336168"\|"5362307"\|"5372579" \|"5391195"\|"5395310"\|"5405317" \|"5415629"\|"5421817"\|"5423739" \|"5443441"\|"5465713"\|"5499967" \|"5527797"\|"5538503"\|"5571149" \|"5617851"\|"5620580"\|"5645526" \|"5658247"\|"5667487"\|"5668170" \|"5674871"\|"5676144"\|"5722397" \|"5730714"\|"5771890"\|"5817012" \|"5827181"\|"5861439"\|"5883135" \|"5885211"\|"5899876"\|"5911223" \|"5928571"\|"5944662"\|"5947921" \|"5954685"\|"5968006"\|"5978701" \|"5983131"\|"5985316"\|"5989409" \|"5990179"\|"5991655"\|"5997501" \|"6006130"\|"6010613"\|"6018679" \|"6023629"\|"6041252"\|"6041253" \|"6048337"\|"6083190"\|"6190315" ).PN. | US-PGPUB; USPAT | OR | ON | 2005/04/09 16:09 |
| S6 | 1517 | (604/20,501).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/04/09 16:10 |
| S7 | 1033 | (607/115,116,120).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/04/09 16:10 |
| S8 | 219 | (435/173.7,173.5,173.6).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/04/09 16:10 |
| S9 | 3309 | (424/450,455).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/04/09 16:10 |
| S10 | 506 | (204/450).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/04/09 16:13 |
| S11 | 1 | ("5246418").PN. | US-PGPUB; USPAT | OR | OFF | 2005/04/09 16:32 |

# EAST Search History

| S12 | 1257 | (S1 or S4 or S5 or S6 or S7 or S8 or S9 or S10 or S11) and (AC or (alternat$3 with current)) | US-PGPUB; USPAT | OR | ON | 2005/04/09 16:34 |
|-----|------|---------------------------------------------------------------------------------------------|------------------|----|----|------------------|
| S14 | 77 | (S1 or S4 or S5 or S6 or S7 or S8 or S9 or S10 or S11) and (AC or (alternat$3 with current)) and (barrier with (agent or modif$4)) | US-PGPUB; USPAT | OR | ON | 2006/07/06 15:18 |
| S15 | 1 | ("5224927").PN. | US-PGPUB; USPAT | OR | OFF | 2005/04/09 17:43 |
| S16 | 11 | (US-20010044592-$ or US-20020161323-$ or US-20030199808-$).did. or (US-5911223-$ or US-5978701-$ or US-6086572-$ or US-6512950-$ or US-6553253-$ or US-6801804-$ or US-6835393-$ or US-5224927-$).did. | US-PGPUB; USPAT | OR | ON | 2005/04/09 17:58 |
| S18 | 4 | (S1 or S4 or S5 or S6 or S7 or S8 or S9 or S10 or S11) and iontophor$6 and (barrier with modif$4) and (capric or lauric or oleic) | US-PGPUB; USPAT | OR | ON | 2005/04/09 18:10 |
| S19 | 1 | (S1 or S4 or S5 or S6 or S7 or S8 or S9 or S10 or S11) and iontophor$6 and (barrier with modif$4) and ((behenyl or cetyl or elaidyl or erucyl or isostearyl or lauryl or myristyl or oleyl or palmitoleyl or petroselinyl or stearyl) with alcohol) | US-PGPUB; USPAT | OR | ON | 2005/04/09 18:12 |
| S20 | 3 | (S1 or S4 or S5 or S6 or S7 or S8 or S9 or S10 or S11) and iontophor$6 and (barrier with modif$4) and ((behenyl or cetyl or elaidyl or erucyl or isostearyl or lauryl or myristyl or oleyl or palmitoleyl or petroselinyl or stearyl)) | US-PGPUB; USPAT | OR | ON | 2005/04/09 18:12 |
| S21 | 1 | ("5224927").PN. | US-PGPUB; USPAT | OR | OFF | 2005/04/09 18:18 |
| S22 | 16 | ("3054405" \| "4340047" \| "4406658" \| "4640689" \| "4702732" \| "4786277" \| "4808152" \| "4931046" \| "4963367" \| "4973303" \| "5006108" \| "5013293" \| "5019034" \| "5023085" \| "5047007").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/09 18:18 |
| S23 | 48 | ("5224927").URPN. | USPAT | OR | ON | 2005/04/09 18:19 |

| S24 | 53 | (S22 or S23) and voltage | USPAT | OR | ON | 2005/04/09 18:19 |
|-----|------|--------------------------|-------|-----|------|------------------|
| S25 | 12 | (US-20010044592-$ or US-20020161323-$ or US-20030199808-$).did. or (US-5911223-$ or US-5978701-$ or US-6086572-$ or US-6512950-$ or US-6553253-$ or US-6801804-$ or US-6835393-$ or US-5224927-$ or US-5607691-$).did. | US-PGPUB; USPAT | OR | ON | 2005/04/10 09:57 |
| S26 | 12 | S25 and voltage | US-PGPUB; USPAT | OR | ON | 2005/04/10 09:57 |
| S27 | 12 | S25 and voltage and (AC or (alternating with current)) | US-PGPUB; USPAT | OR | ON | 2005/04/10 10:04 |
| S28 | 2 | (("6512950") or ("6496728")).PN. | US-PGPUB; USPAT | OR | OFF | 2005/04/10 10:05 |
| S29 | 1200 | (miller or higuchi or li or flynn).in. and (iontophor$6 or electropor$6) | US-PGPUB; USPAT | OR | ON | 2005/04/10 10:05 |
| S30 | 93 | ("3991755"|"4141359"|"4304866"|"4325367"|"4340047"|"4406658"|"4458678"|"4485096"|"4689039"|"4702732"|"4722726"|"4734090"|"4752285"|"4764164"|"4786278"|"4792702"|"4850956"|"4931046"|"5002527"|"5006108"|"5013293"|"5019034"|"5023085"|"5036861"|"5042007"|"5042975"|"5056521"|"5057072"|"5140985"|"5213568"|"5224927"|"5246418"|"5279543"|"5312325"|"5314502"|"5318514"|"5328452"|"5328453"|"5328454"|"5336168"|"5362307"|"5372579"|"5391195"|"5395310"|"5405317"|"5415629"|"5421817"|"5423739"|"5443441"|"5465713"|"5499967"|"5527797"|"5538503"|"5571149"|"5617851"|"5620580"|"5645526"|"5658247"|"5667487"|"5668170"|"5674871"|"5676144"|"5722397"|"5730714"|"5771890"|"5817012"|"5827181"|"5861439"|"5883135"|"5885211"|"5899876"|"5911223"|"5928571"|"5944662"|"5947921"|"5954685"|"5968006"|"5978701"|"5983131"|"5985316"|"5989409"|"5990179"|"5991655"|"5997501"|"6006130"|"6010613"|"6018679"|"6023629"|"6041252"|"6041253"|"6048337"|"6083190"|"6190315").PN. | US-PGPUB; USPAT | OR | ON | 2005/04/10 10:05 |
| S31 | 1517 | (604/20,501).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/04/10 10:05 |

# EAST Search History

| S32 | 1033 | (607/115,116,120).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/04/10 10:05 |
|-----|------|-------------------------|-----------------|-----|-----|------------------|
| S33 | 219 | (435/173.7,173.5,173.6).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/04/10 10:05 |
| S34 | 3309 | (424/450,455).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/04/10 10:05 |
| S35 | 506 | (204/450).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/04/10 10:05 |
| S36 | 1 | ("5246418").PN. | US-PGPUB; USPAT | OR | OFF | 2005/04/10 10:05 |
| S37 | 591 | (S28 or S29 or S30 or S31 or S32 or S33 or S34 or S35 or S36) and voltage and (AC or (alternating with current)) | US-PGPUB; USPAT | OR | ON | 2005/04/10 10:07 |
| S38 | 15 | (S28 or S29 or S30 or S31 or S32 or S33 or S34 or S35 or S36) and voltage and (AC or (alternating with current)) and (barrier with modif$6) and (iontophor$6 or electropor$6) | US-PGPUB; USPAT | OR | ON | 2005/04/10 10:19 |
| S39 | 13 | (S28 or S29 or S30 or S31 or S32 or S33 or S34 or S35 or S36) and (voltage same ("1" or "2" or "3" or "4" or "5" or "6" or "7" or "8" or "9" or "10")) and (AC or (alternating with current)) and (barrier with modif$6) and (iontophor$6 or electropor$6) | US-PGPUB; USPAT | OR | ON | 2005/04/10 10:24 |
| S40 | 12 | (S28 or S29 or S30 or S31 or S32 or S33 or S34 or S35 or S36) and (voltage with ("1" or "2" or "3" or "4" or "5" or "6" or "7" or "8" or "9" or "10")) and (barrier with modif$6) and (iontophor$6 or electropor$6) | US-PGPUB; USPAT | OR | ON | 2005/04/10 10:33 |
| S41 | 5 | S40 not S39 | US-PGPUB; USPAT | OR | ON | 2005/04/10 10:25 |
| S42 | 8 | (S28 or S29 or S30 or S31 or S32 or S33 or S34 or S35 or S36) and (voltage with ("1" or "2" or "3" or "4" or "5" or "6" or "7" or "8" or "9" or "10")) and (barrier with modif$6) and (AC or (alternating with current)) | US-PGPUB; USPAT | OR | ON | 2005/04/10 10:34 |
| S43 | 1 | S42 not (S41 or S40) | US-PGPUB; USPAT | OR | ON | 2005/04/10 10:34 |
| S44 | 1 | ("20020161323").PN. | US-PGPUB; USPAT | OR | OFF | 2005/04/12 15:13 |

# EAST Search History

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|---|---|---|---|---|---|---|
| S45 | 1 | ("5224927").PN. | US-PGPUB; USPAT | OR | OFF | 2005/04/12 15:13 |
| S46 | 0 | S45 and (mucosal or mucosa) | US-PGPUB; USPAT | OR | ON | 2005/04/12 17:36 |
| S47 | 0 | ("9313679").PN. | US-PGPUB; USPAT | OR | OFF | 2005/04/12 17:37 |
| S48 | 1 | ("6375635").PN. | US-PGPUB; USPAT | OR | OFF | 2005/04/12 17:37 |
| S49 | 2 | (("6512950") or ("6496728")).PN. | US-PGPUB; USPAT | OR | OFF | 2005/10/25 16:38 |
| S50 | 2 | (("6512950") or ("6496728")).PN. | US-PGPUB; USPAT | OR | OFF | 2006/02/20 17:01 |
| S51 | 1456 | (miller or higuchi or li or flynn).in. and (iontophor$6 or electropor$6) | US-PGPUB; USPAT | OR | ON | 2006/02/20 17:01 |
| S52 | 93 | ("3991755"|"4141359"|"4304866" |"4325367"|"4340047"|"4406658" |"4458678"|"4485096"|"4689039" |"4702732"|"4722726"|"4734090" |"4752285"|"4764164"|"4786278" |"4792702"|"4850956"|"4931046" |"5002527"|"5006108"|"5013293" |"5019034"|"5023085"|"5036861" |"5042007"|"5042975"|"5056521" |"5057072"|"5140985"|"5213568" |"5224927"|"5246418"|"5279543" |"5312325"|"5314502"|"5318514" |"5328452"|"5328453"|"5328454" |"5336168"|"5362307"|"5372579" |"5391195"|"5395310"|"5405317" |"5415629"|"5421817"|"5423739" |"5443441"|"5465713"|"5499967" |"5527797"|"5538503"|"5571149" |"5617851"|"5620580"|"5645526" |"5658247"|"5667487"|"5668170" |"5674871"|"5676144"|"5722397" |"5730714"|"5771890"|"5817012" |"5827181"|"5861439"|"5883135" |"5885211"|"5899876"|"5911223" |"5928571"|"5944662"|"5947921" |"5954685"|"5968006"|"5978701" |"5983131"|"5985316"|"5989409" |"5990179"|"5991655"|"5997501" |"6006130"|"6010613"|"6018679" |"6023629"|"6041252"|"6041253" |"6048337"|"6083190"|"6190315" ).PN. | US-PGPUB; USPAT | OR | ON | 2006/02/20 17:01 |
| S53 | 1642 | (604/20,501).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/02/20 17:01 |
| S54 | 1171 | (607/115,116,120).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/02/20 17:01 |

# EAST Search History

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|---|---|---|---|---|---|---|
| S55 | 231 | (435/173.7,173.5,173.6).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/02/20 17:01 |
| S56 | 3614 | (424/450,455).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/02/20 17:01 |
| S57 | 591 | (204/450).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/02/20 17:01 |
| S58 | 1 | ("5246418").PN. | US-PGPUB; USPAT | OR | OFF | 2006/02/20 17:01 |
| S59 | 64 | (S50 or S51 or S52 or S53 or S54 or S55 or S56 or S57 or S58) and (AC or (alternat$3 with current)) and (barrier with (agent or modif$4)) and (volts or voltage) | US-PGPUB; USPAT | OR | ON | 2006/02/20 17:10 |
| S60 | 20 | (S50 or S51 or S52 or S53 or S54 or S55 or S56 or S57 or S58) and (AC or (alternat$3 with current)) and (barrier with (agent or modif$4)) and ( low with (volts or voltage)) | US-PGPUB; USPAT | OR | ON | 2006/02/20 17:10 |